Abstract of the Disclosure

A procedural computation engine is provided for generating and serving executable high-level code. The engine includes a Graphical User Interface for creating procedural computation schemas; a parser for interpreting output from the Graphical User Interface; a compilation component for hierarchal node-structuring of data; and a server component for providing access to generated information. A programmer operating through the Graphical User Interface pre-creates at least one procedural computation schema including the algorithmic function or functions and input needed to produce computational results, the data of the schema output as a markup file interpreted by the parser and in cooperation with the compilation component generates an executable computation model accessible and executable through the server component. In one embodiment the engine is used to provide complex rating information.